

## Title (en)

Adaptive inductive power supply with communication

## Title (de)

Einstellbare induktive Stromversorgung mit Kommunikation

## Title (fr)

Alimentation inductive adaptative avec communication

## Publication

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## Application

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## Abstract (en)

[origin: US2004130915A1] An adaptive inductive ballast is provided with the capability to communicate with a remote device powered by the ballast. To improve the operation of the ballast, the ballast changes its operating characteristics based upon information received from the remote device. Further, the ballast may provide a path for the remote device to communicate with device other than the adaptive inductive ballast.

## IPC 8 full level

**H02J 5/00** (2006.01); **A61L 2/10** (2006.01); **B01D 17/12** (2006.01); **C02F 1/00** (2006.01); **C02F 1/32** (2006.01); **C02F 9/00** (2006.01); **H02J 3/14** (2006.01); **H02J 13/00** (2006.01); **H02M 3/335** (2006.01); **H05B 37/03** (2006.01); **H05B 41/36** (2006.01); **H02J 7/00** (2006.01)

## CPC (source: EP KR US)

**A61L 2/10** (2013.01 - EP KR US); **C02F 1/001** (2013.01 - KR); **C02F 1/008** (2013.01 - EP KR US); **C02F 1/325** (2013.01 - EP KR US); **C02F 9/20** (2023.01 - EP KR US); **H02J 3/14** (2013.01 - EP KR US); **H02J 13/00017** (2020.01 - KR); **H02J 13/00026** (2020.01 - KR); **H02J 50/12** (2016.02 - EP KR US); **H02J 50/40** (2016.02 - EP KR US); **H02J 50/80** (2016.02 - EP KR US); **H02M 3/015** (2021.05 - EP KR US); **H02M 3/33523** (2013.01 - EP KR US); **H02M 3/33571** (2021.05 - EP KR US); **H04B 5/79** (2024.01 - EP KR US); **H04M 1/0262** (2013.01 - KR); **H04M 19/001** (2013.01 - KR US); **H05B 41/36** (2013.01 - EP KR US); **H05B 47/25** (2020.01 - EP KR US); **C02F 1/001** (2013.01 - EP US); **C02F 2201/3228** (2013.01 - EP KR US); **C02F 2201/326** (2013.01 - EP KR US); **C02F 2209/005** (2013.01 - EP US); **C02F 2209/008** (2013.01 - EP KR US); **C02F 2209/40** (2013.01 - EP KR US); **H02J 2310/14** (2020.01 - EP KR US); **H04M 1/0262** (2013.01 - US); **Y02B 70/10** (2013.01 - EP KR US); **Y02B 70/30** (2013.01 - EP); **Y02B 70/3225** (2013.01 - EP KR US); **Y02B 90/20** (2013.01 - EP KR US); **Y04S 20/222** (2013.01 - EP KR US); **Y04S 20/246** (2013.01 - EP KR); **Y04S 40/121** (2013.01 - EP KR); **Y04S 40/124** (2013.01 - EP KR US)

## Citation (search report)

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## DOCDB simple family (application)

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